

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method of producing ~~a part~~part (1) made of a high-temperature-resistant composite, ~~such as the vanes of an inlet guide vane assembly~~, said composite comprising reinforcing fibers embedded in a heat-cured polyimide resin matrix, said ~~part~~part (1) having an inner platform (3), an outer platform (4) and at least one full blade (2a, 2b) connecting said platforms (3, 4), characterized by the following steps :

a) ~~the~~ essential portions (30, 40) of the platforms (3, 4), of the blades (2a, 2b) and of the blade/platform connection regions (6a, 6b) are produced, as separate structural elements, by superposition or winding of the layers of prepreg fibers; ~~(reinforcing fibers preimpregnated with resin)~~ with the exception of the external layers that have to form at least the boundary wall for the stream of gases flowing through the guide vanes;

b) said separate structural elements are imidized;

c) said separate imidized structural elements are assembled;

d) the external layers, comprising ~~of~~ prepreg fibers, are added in order to form the part;

e) the part thus formed is placed in a compression curing mold/contermold assembly; and

f) the part is cured by subjecting it to compressive forces.

2. (Currently Amended) The method as claimed in claim 1, ~~characterized in that~~wherein the external layers ~~of fresh~~ comprising prepreg fibers are added by draping ~~the a~~ pressure side of a blade, and the adjacent portions of the faces that face the platforms, with first joining prepreg layers and by draping ~~the a~~ suction side of a blade, and the adjacent portions of the faces that face the platforms, with second joining prepreg layers.

3. (Currently Amended) The method as claimed in claim 1, ~~characterized in that~~wherein the structural elements are imidized by heating them at 0.5°C/min with an intermediate hold for 120 minutes at 250°C before cooling.

4. (Currently Amended) The method as claimed in claim 3, ~~characterized in that~~wherein the structural elements are subjected to a relative vacuum of -50 mbar throughout the duration of the imidization cycle.

5. (Currently Amended) The method as claimed in claim 1, ~~characterized in that~~wherein the part (1) is subjected to a compression of 35 bar when its temperature reaches 310°C, and this compression is maintained until the end of the cooling.

6. (Currently Amended) The method as claimed in claim 2, ~~characterized in that~~wherein the structural elements are imidized by heating them at 0.5°C/min with an intermediate hold for 120 minutes at 250°C before cooling.

7. (Currently Amended) The method as claimed in claim 2, ~~characterized in that~~wherein the part (1) is subjected to a compression of 35 bar when its temperature reaches 310°C, and this compression is maintained until the end of the cooling.

8. (Currently Amended) The method as claimed in claim 3, ~~characterized in that~~wherein the part (1) is subjected to a compression of 35 bar when its temperature reaches 310°C, and this compression is maintained until the end of the cooling.

9. (Currently Amended) The method as claimed in claim 4, ~~characterized in that~~wherein the part (1) is subjected to a compression of 35 bar when its temperature reaches 310°C, and this compression is maintained until the end of the cooling.